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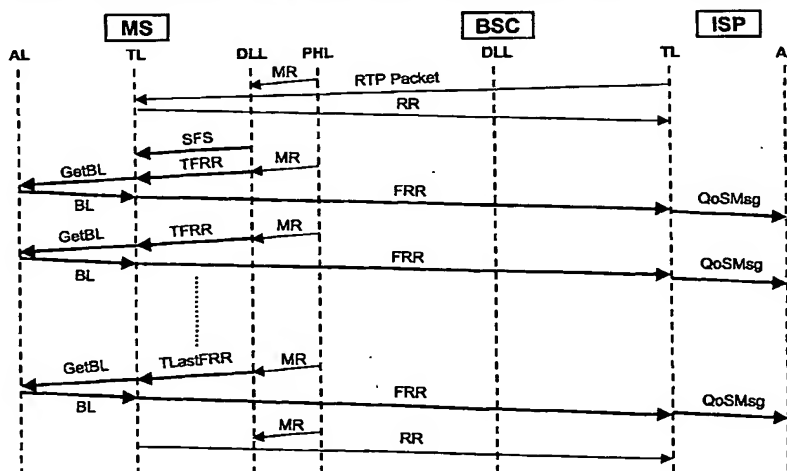
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(54) Title: FAST SIGNALLING PROCEDURE FOR STREAMING SERVICES QUALITY OF SERVICE MANAGING IN WIRELESS NETWORKS

### FAST FRR SIGNALLING IN CASE OF TRANSIENT RF FADING



(57) Abstract: An end to end fast signalling procedure is disclosed in order to improve standard RTP/RTCP transport protocols for the support of streaming services with in any kind of wireless and/or mobile networks, in particular for the introduction within GSM-GPRS. The streaming flow is expected to be sent from an Internet Service Provider (ISP) to Mobile Stations (MS). During fast signalling procedure, RTCP feedback messages are sent at a rate higher then the one expected in standard RTCP protocol. Fast signalling messages are made by upgraded Receiver Reports (FRR) intended to make the end to end QoS control mechanism able to react quickly to sudden changes in the available bandwidth that can occur at the radio interface.



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